

ABSTRACT

A digital spirit level for displaying inclination measurements of vertical surfaces upright relative to 0° horizontal for facing a user holding the digital spirit level against a vertical surface for facilitating straight on reading of its inclination measurement. The inclination measurements are preferably displayed relative to 0° vertical as opposed to 0° horizontal. The inclination measurements are displayed on either a display screen including a pair of orthogonal seven segment arrays or a graphic display screen for displaying inclination measurements upright relative to 0° horizontal irrespective of the attitude of the digital spirit level thereto. The digital spirit level preferably includes either a self-calibrating capacitative inclination measurement module or alternatively a closed loop inclination measurement module employing an electric field for maintaining a meniscus of a dielectric liquid at a predetermined reference position.